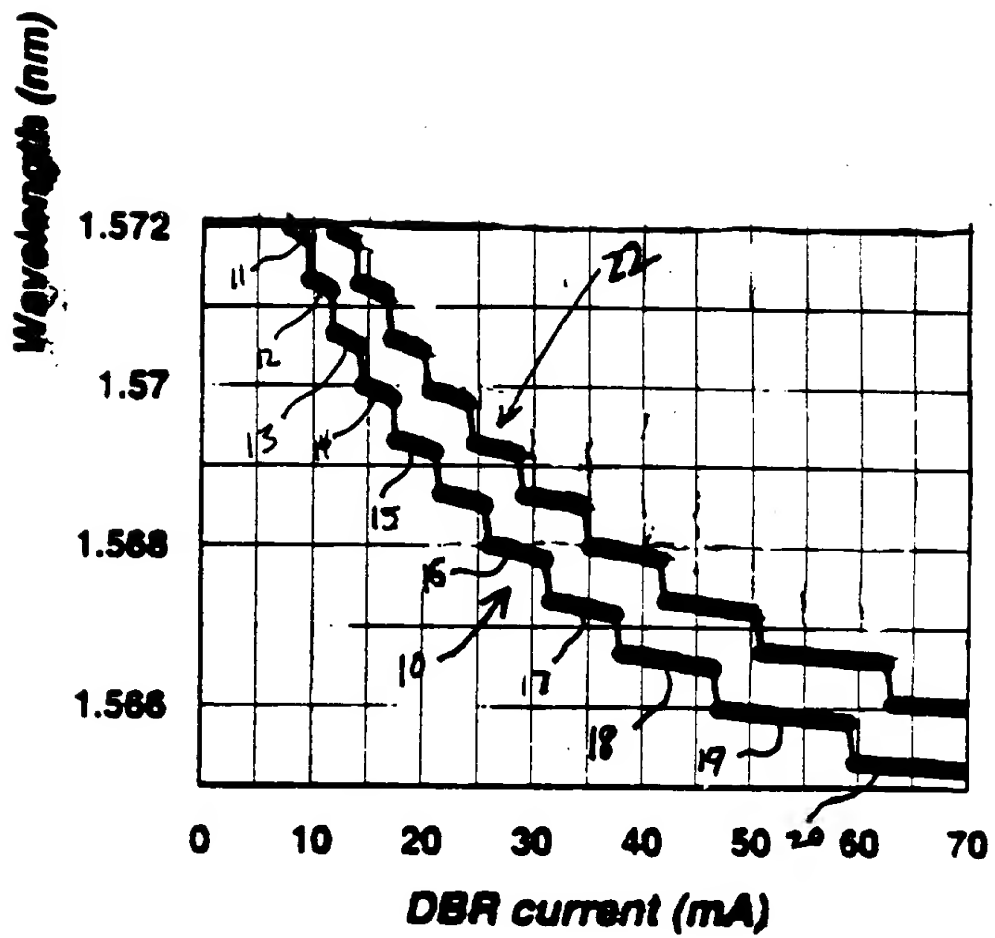


FIG. 1 (prior art)



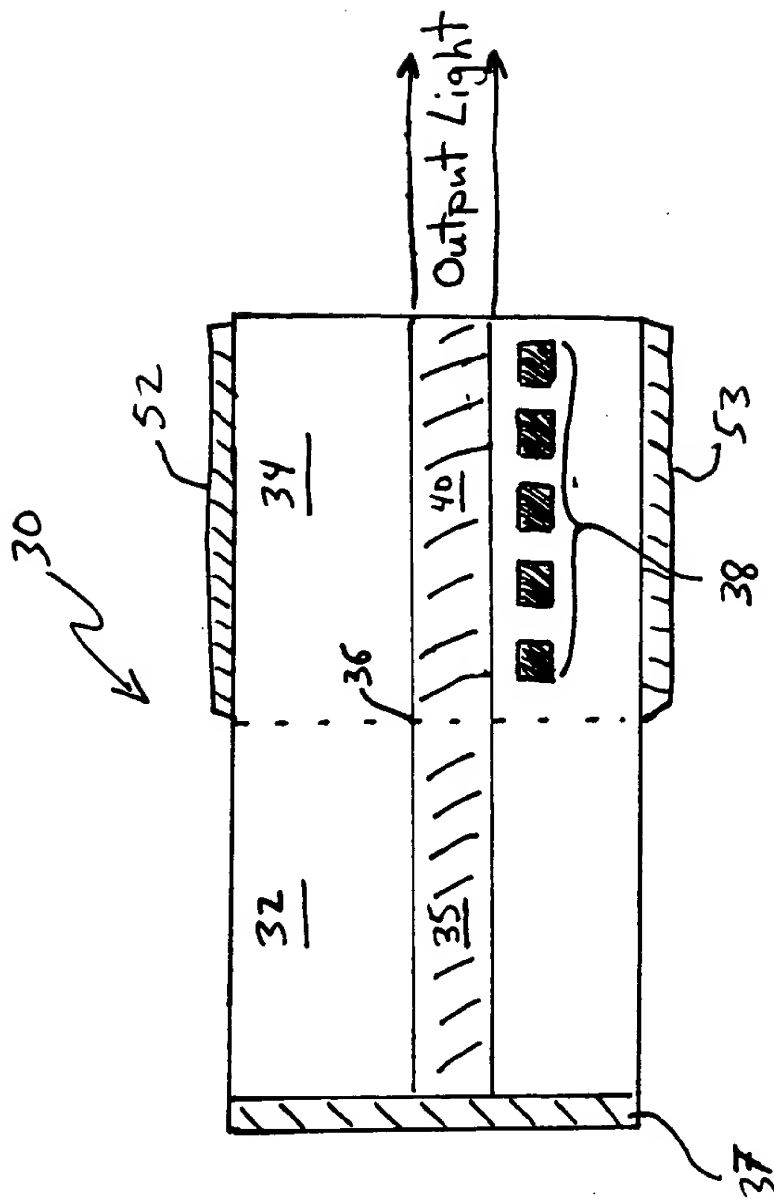
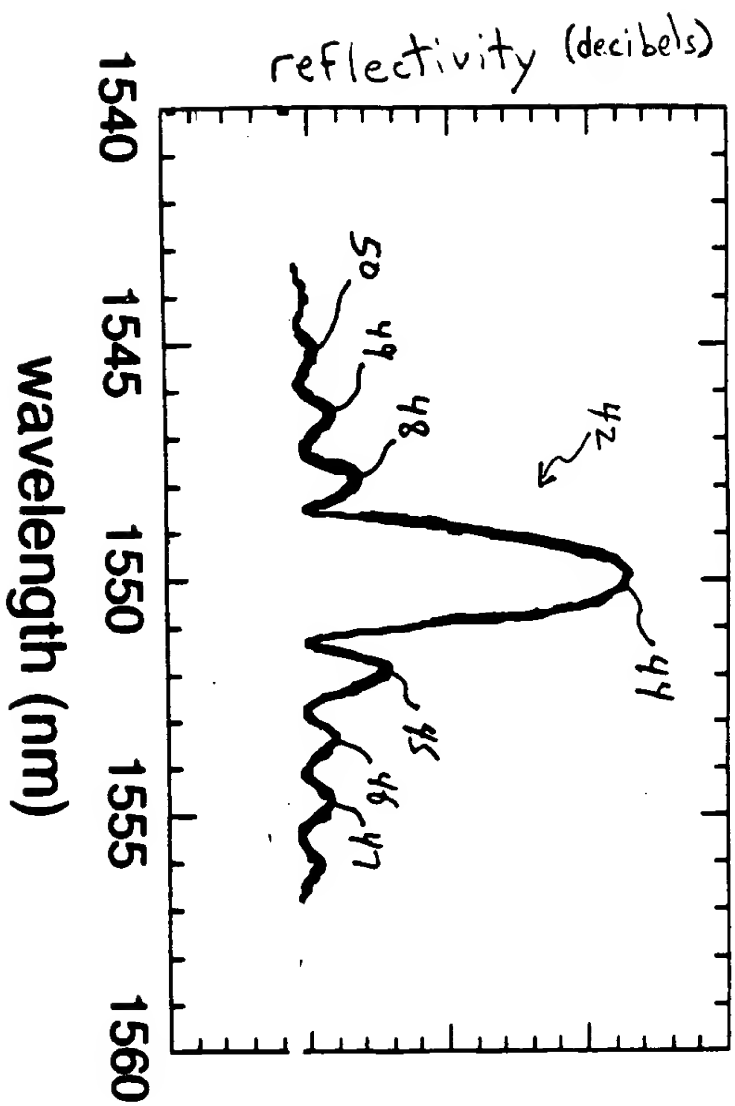


FIG. 2

F16.3



09563675.092200

00669575.092200

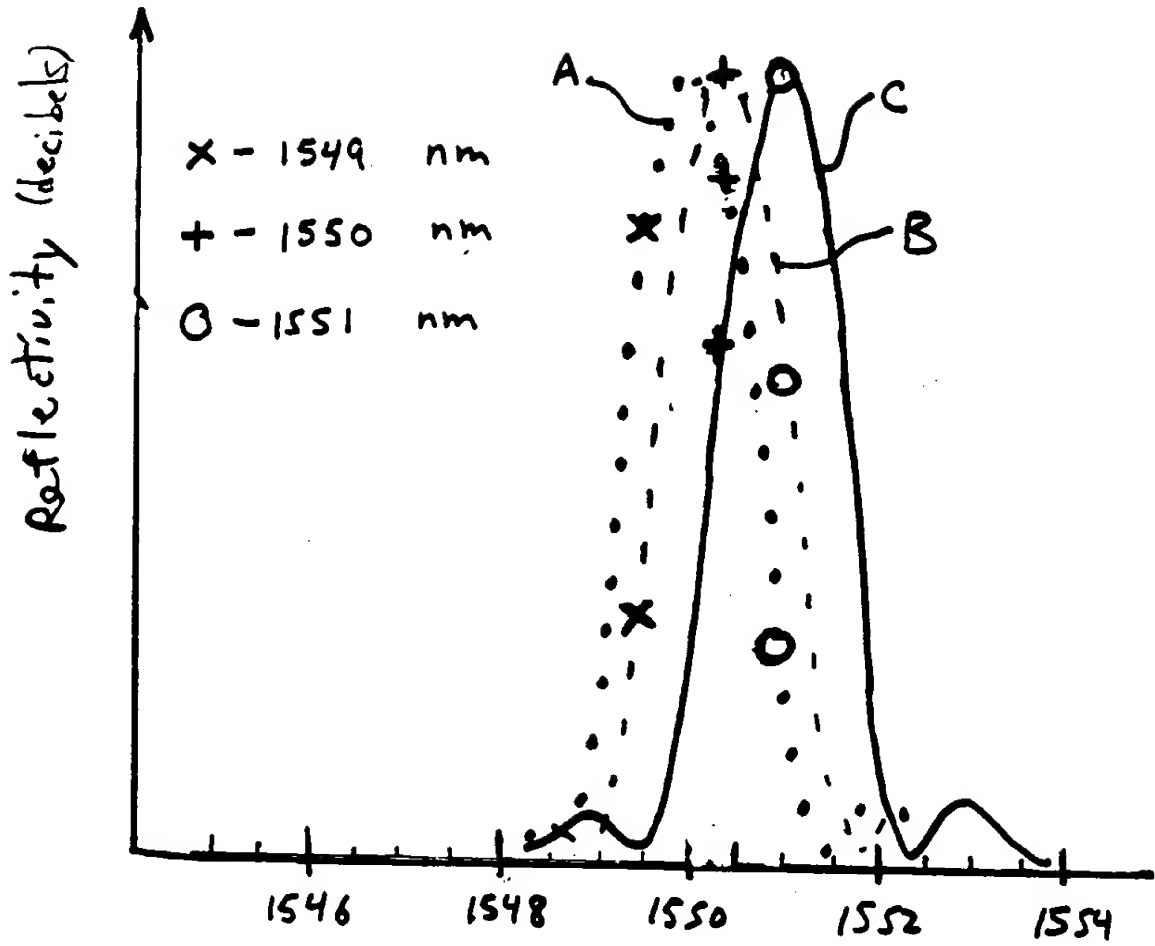


FIG. 4

002260 52585960

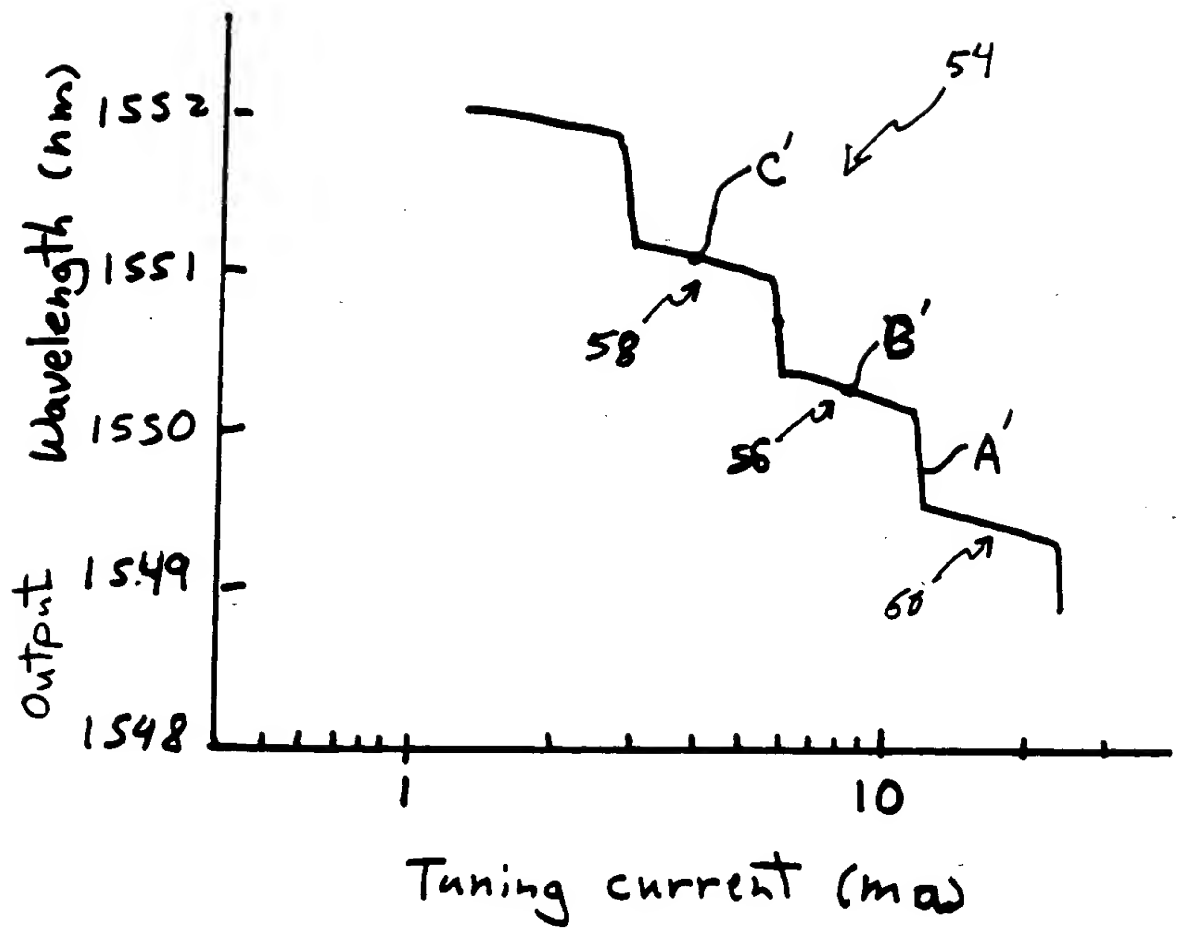


FIG.5

Determine relation of output wavelength to tuning current

L72

Determine relation of Bragg wavelength to tuning current

L74

Age DBR laser

L76

Determine post-aging relation of Bragg wavelength to tuning current

L78

Find relation between pre- and post-aging tuning currents corresponding to same Bragg wavelengths

L80

Select output wavelength

L82

Find pre-aging tuning current that produced selected output wavelength

L84

Apply tuning current to DBR laser that equals a post-aging value corresponding to found pre-aging current under the found relation between pre- and post-aging tuning currents

L86

70

FIG. 6

002260" 52989960

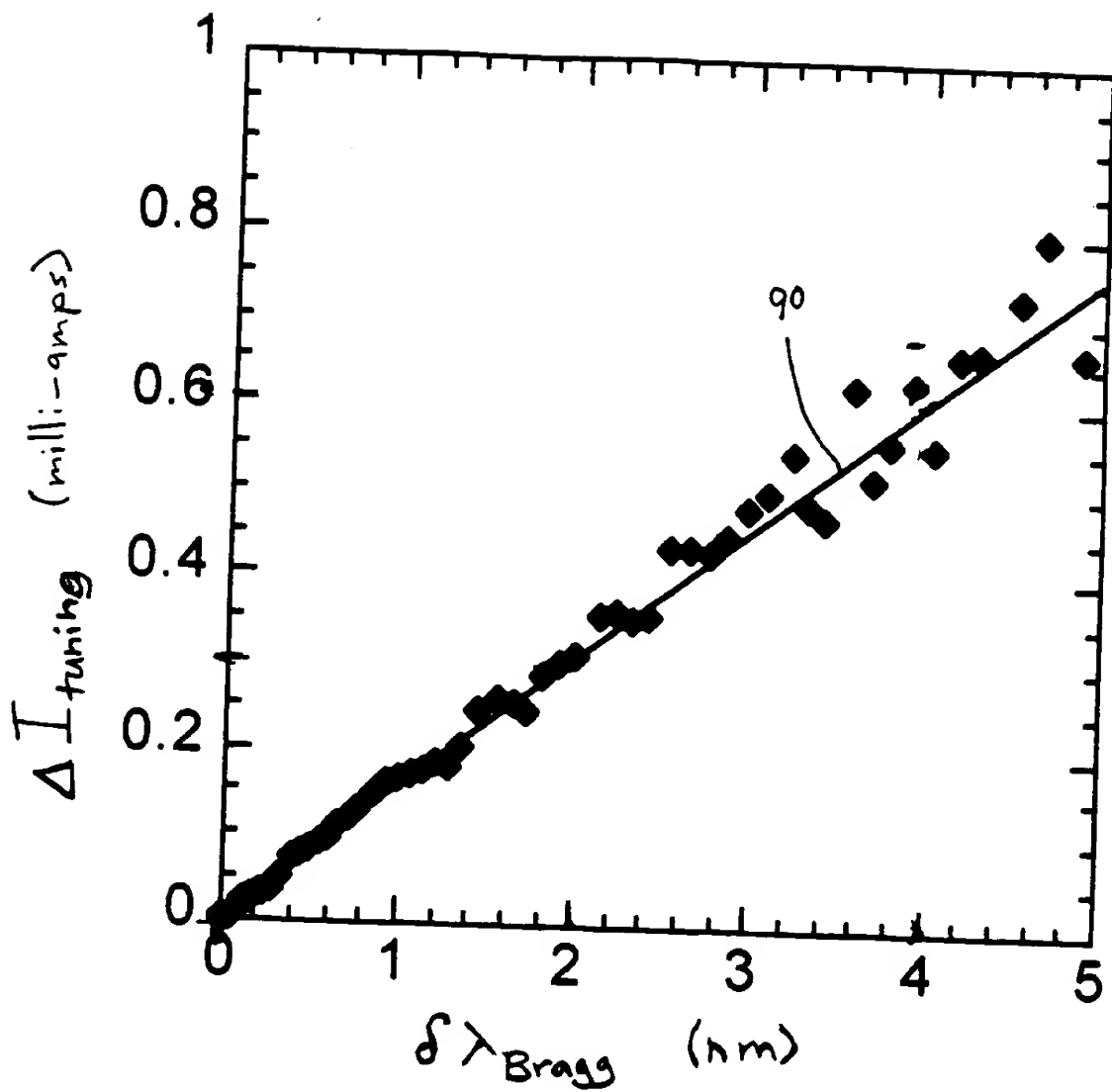
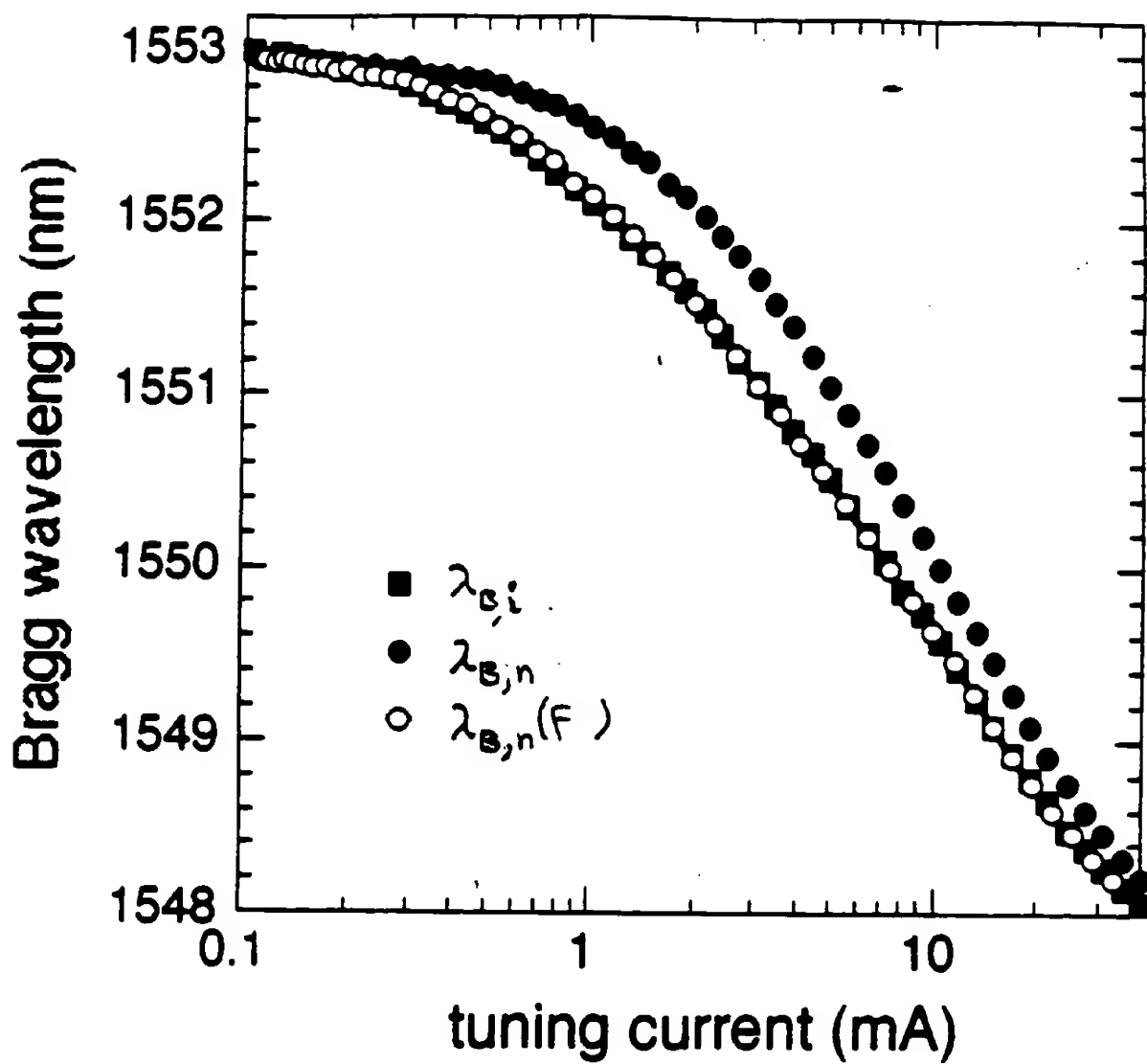


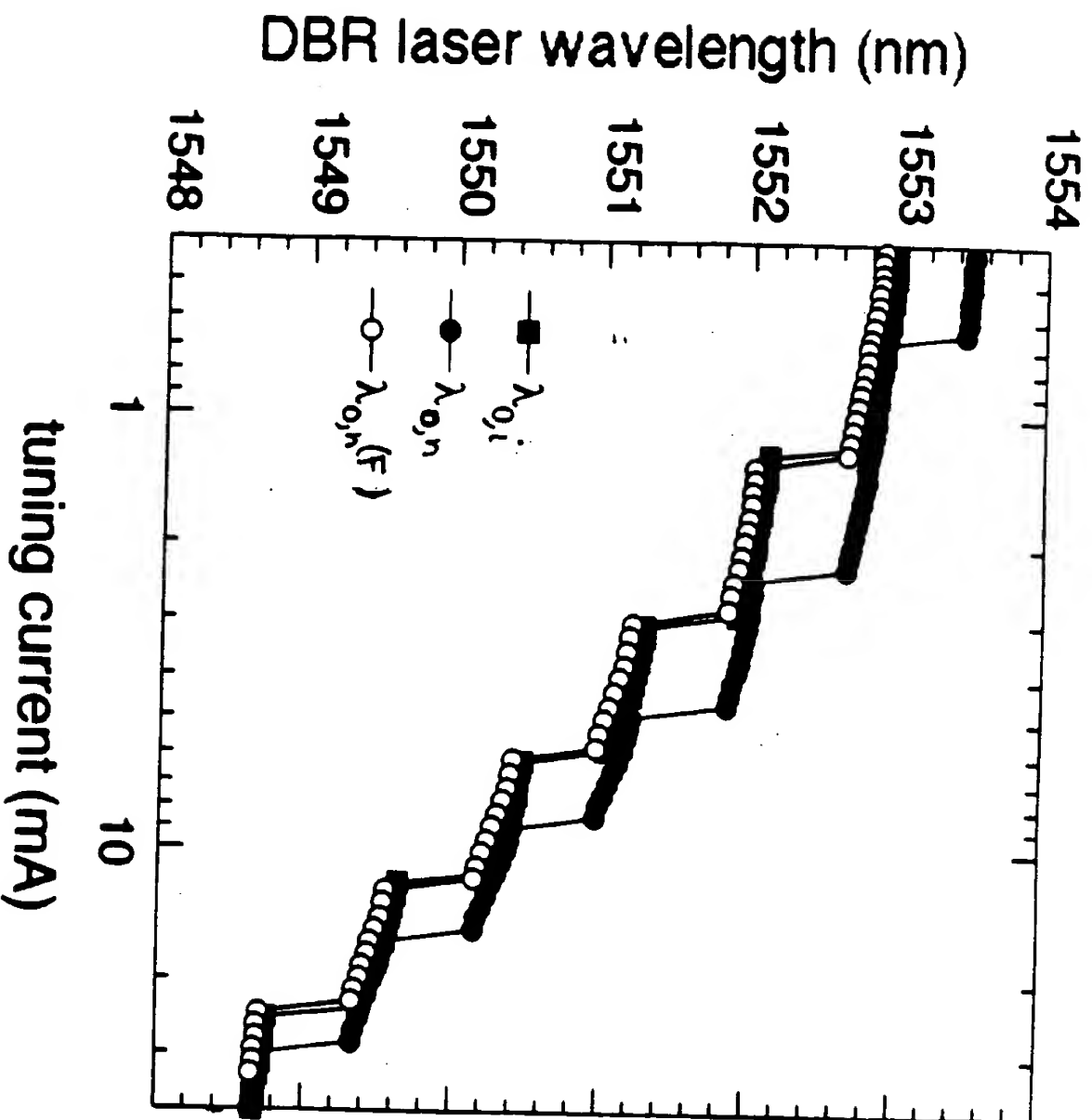
Fig. 7

FIG. 8A



00220" 52989960

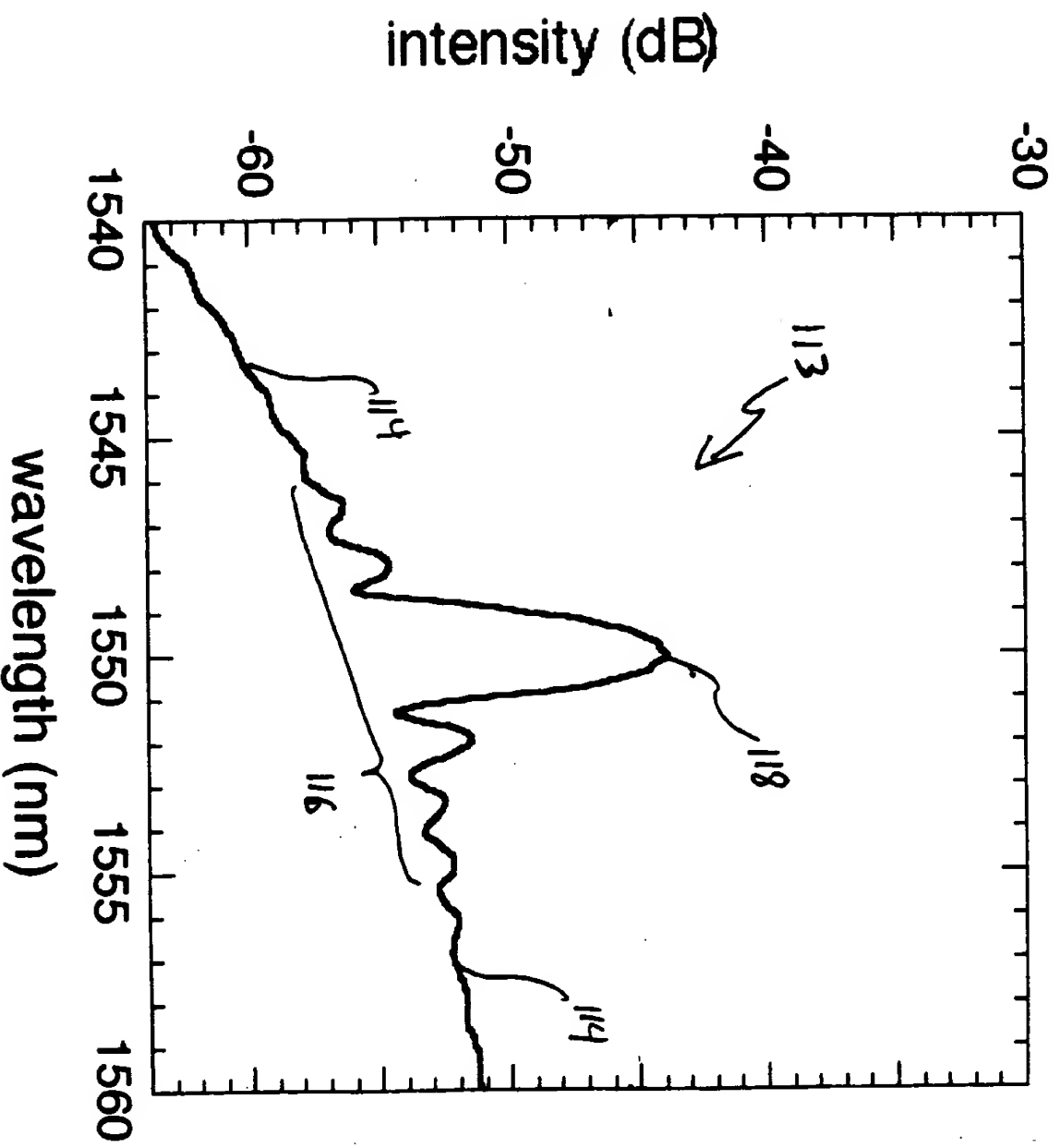




F16.8B



F16.10



09568675.002200

Fig. 11

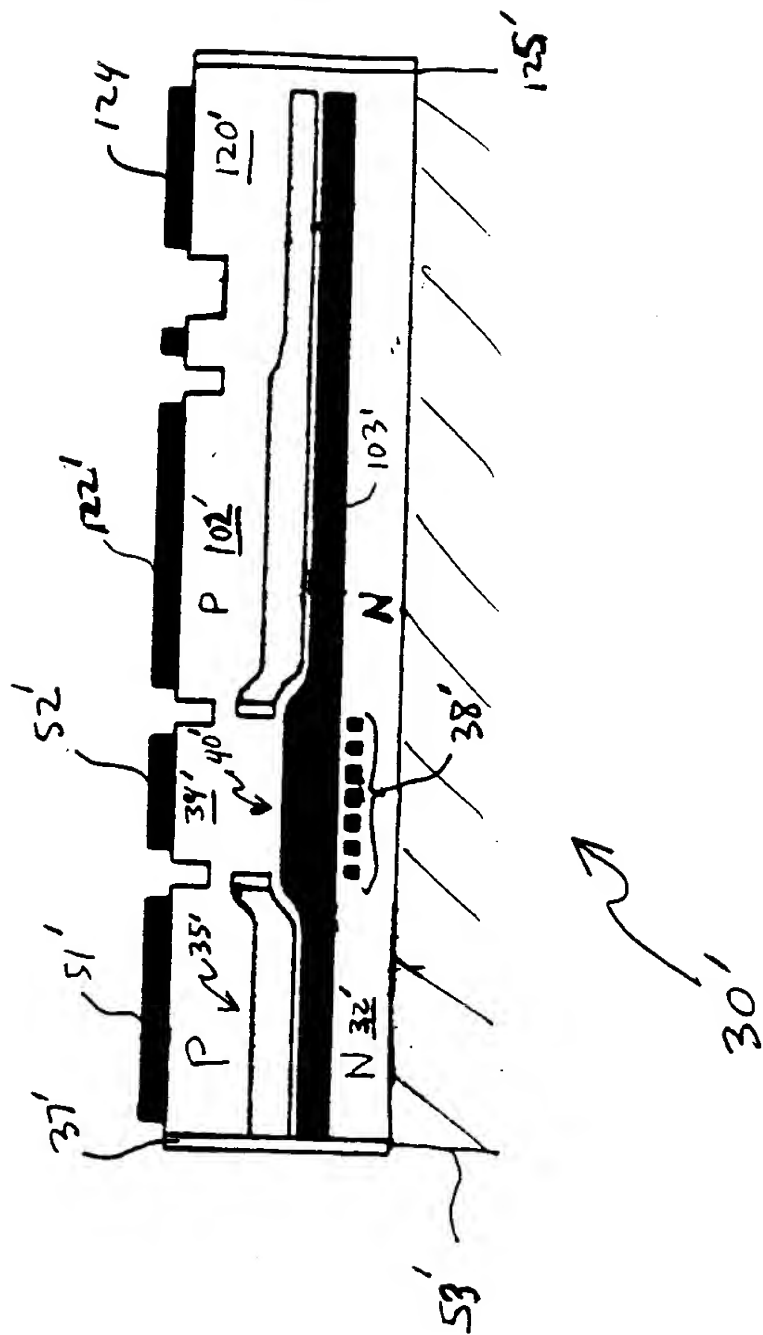
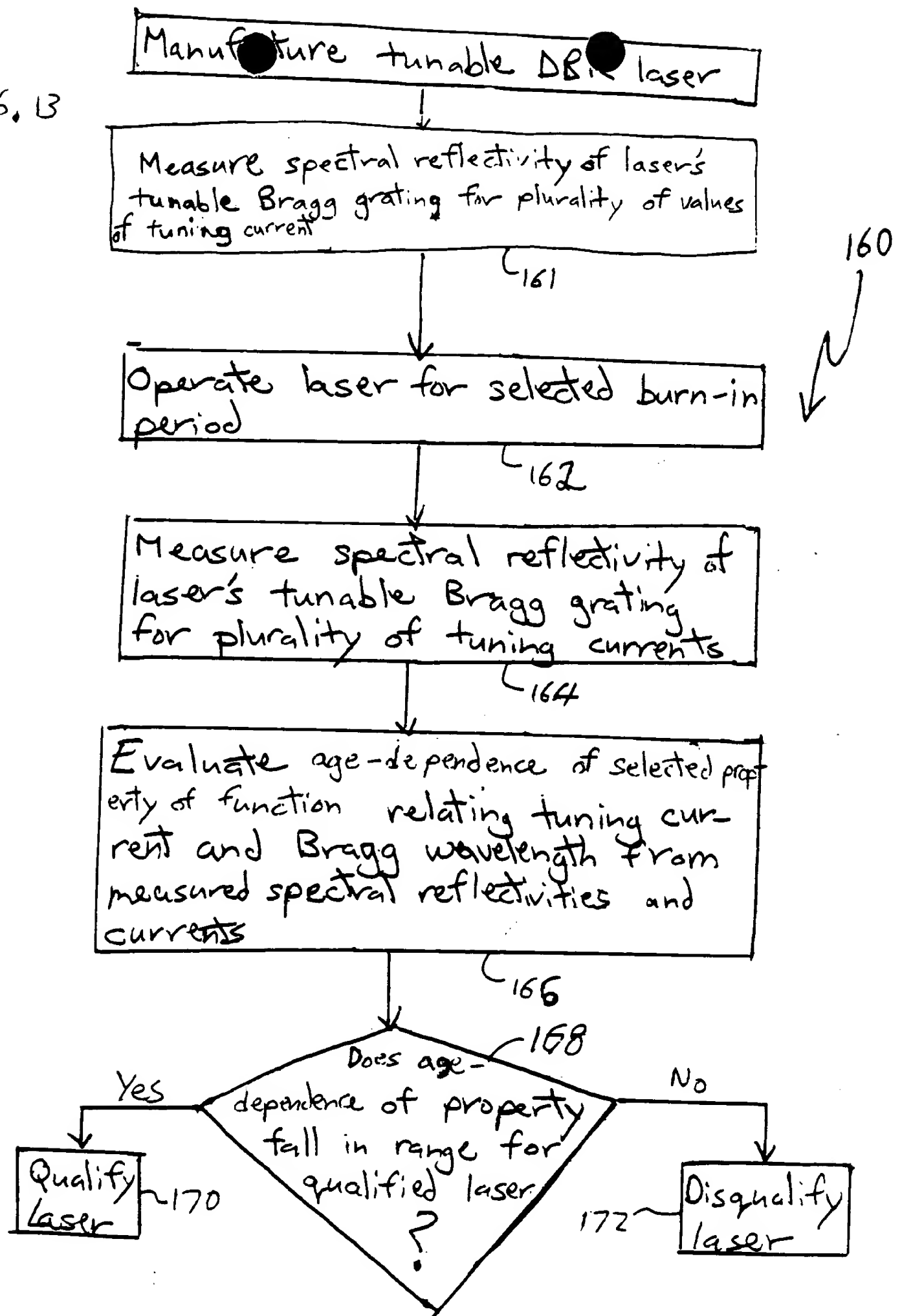




FIG. 13



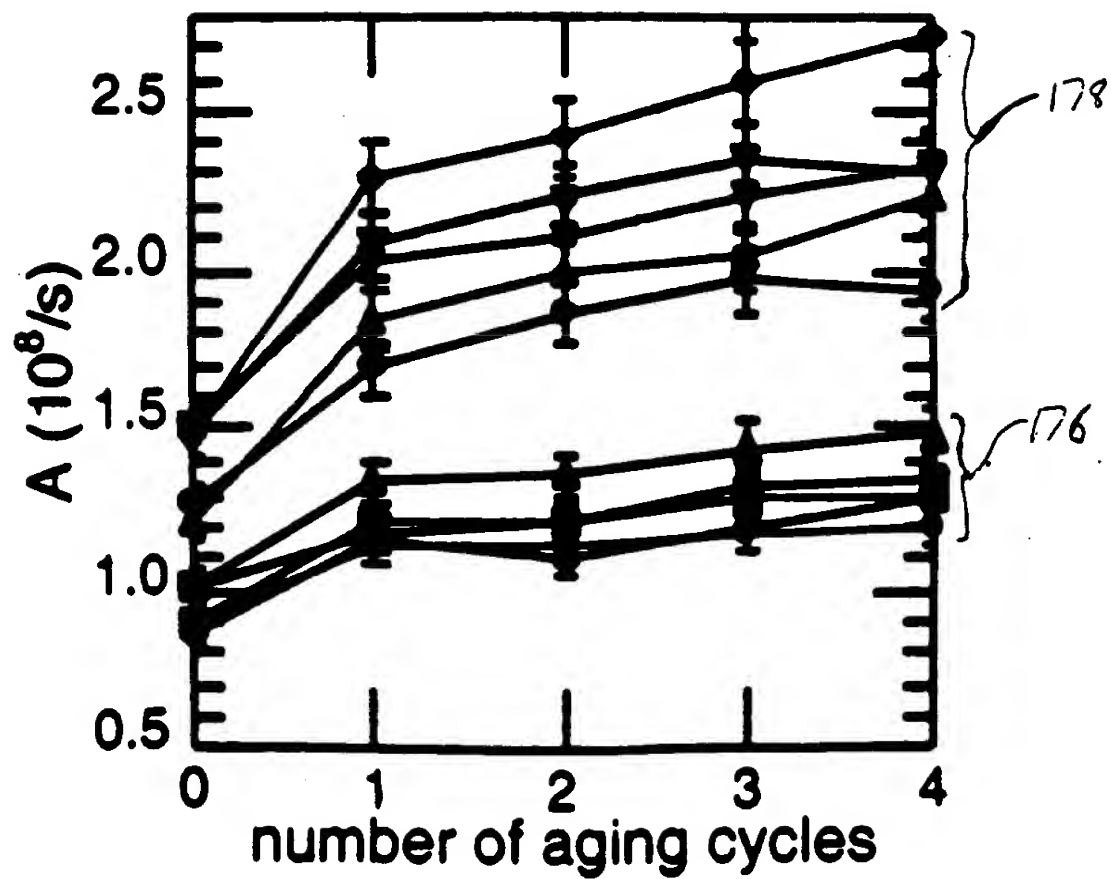


FIG. 14

FIG. 15

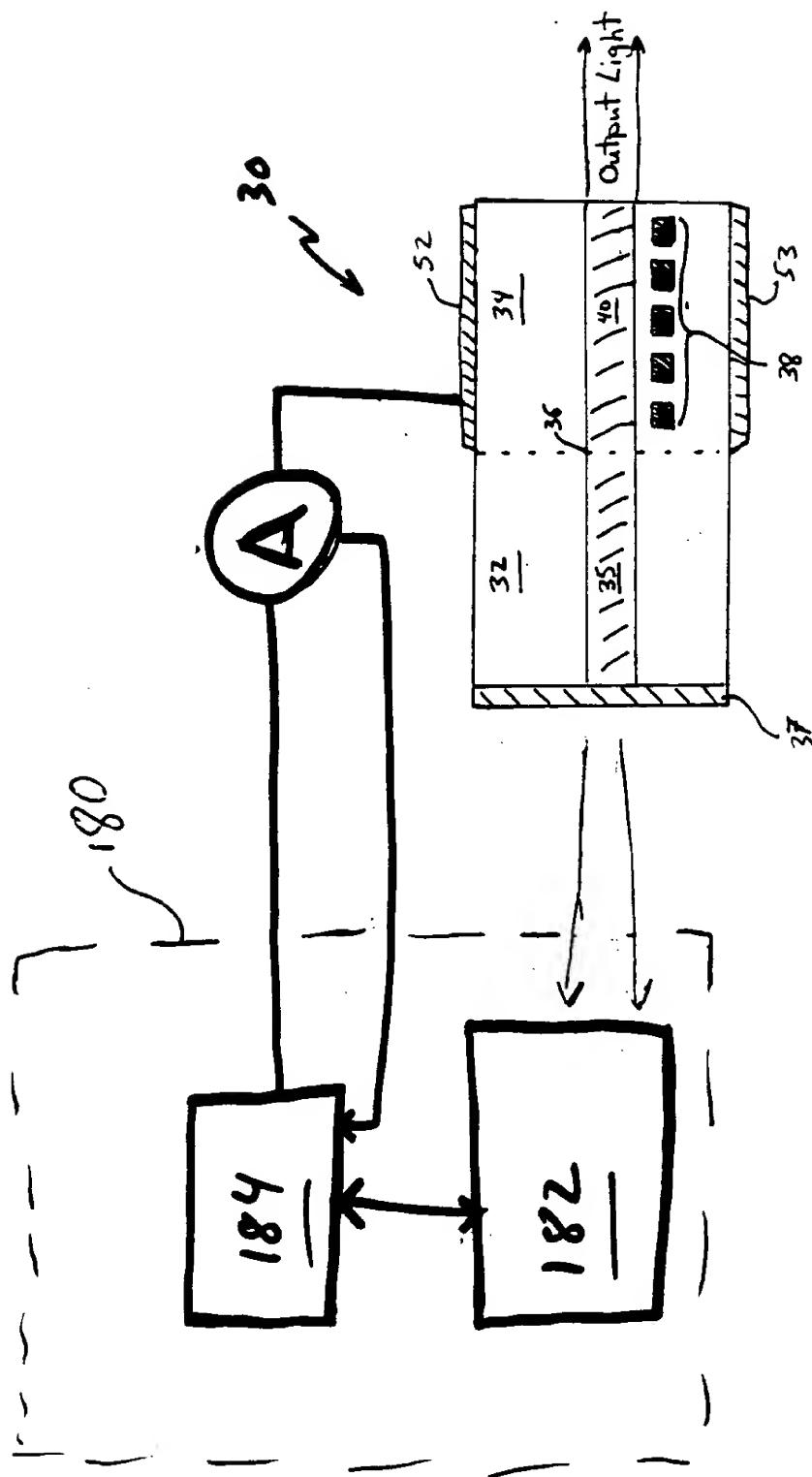


FIG. 2



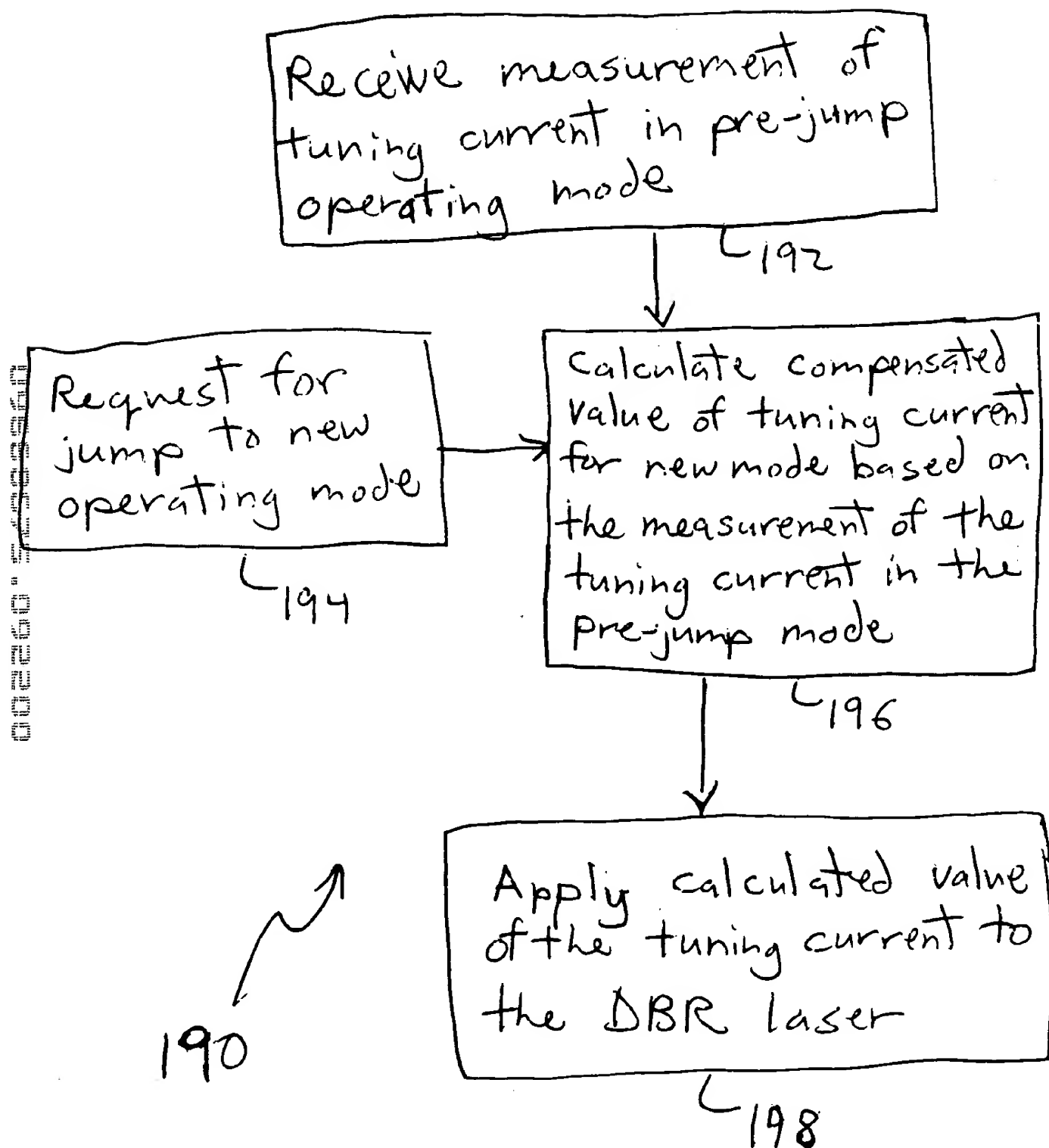


FIG. 16